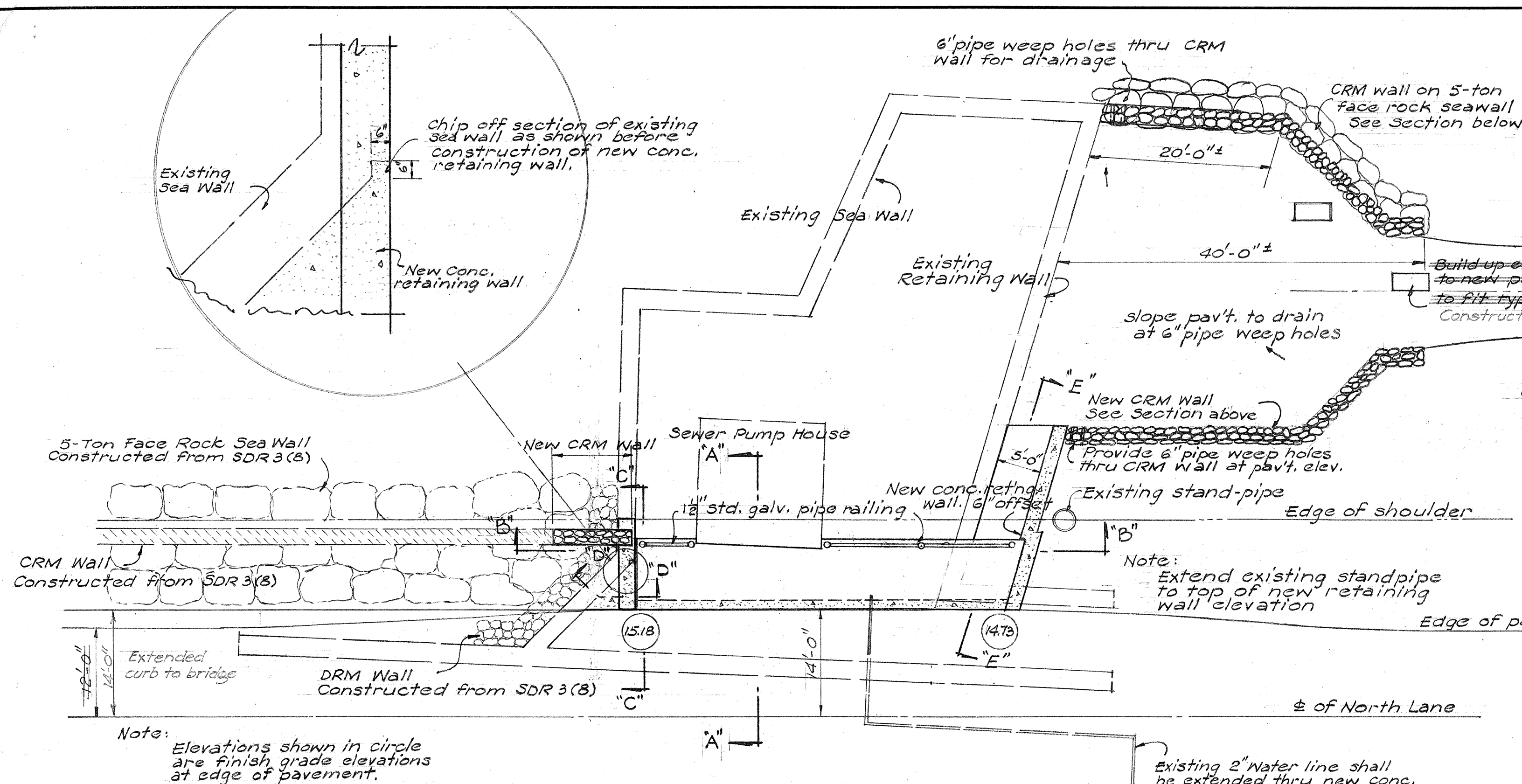


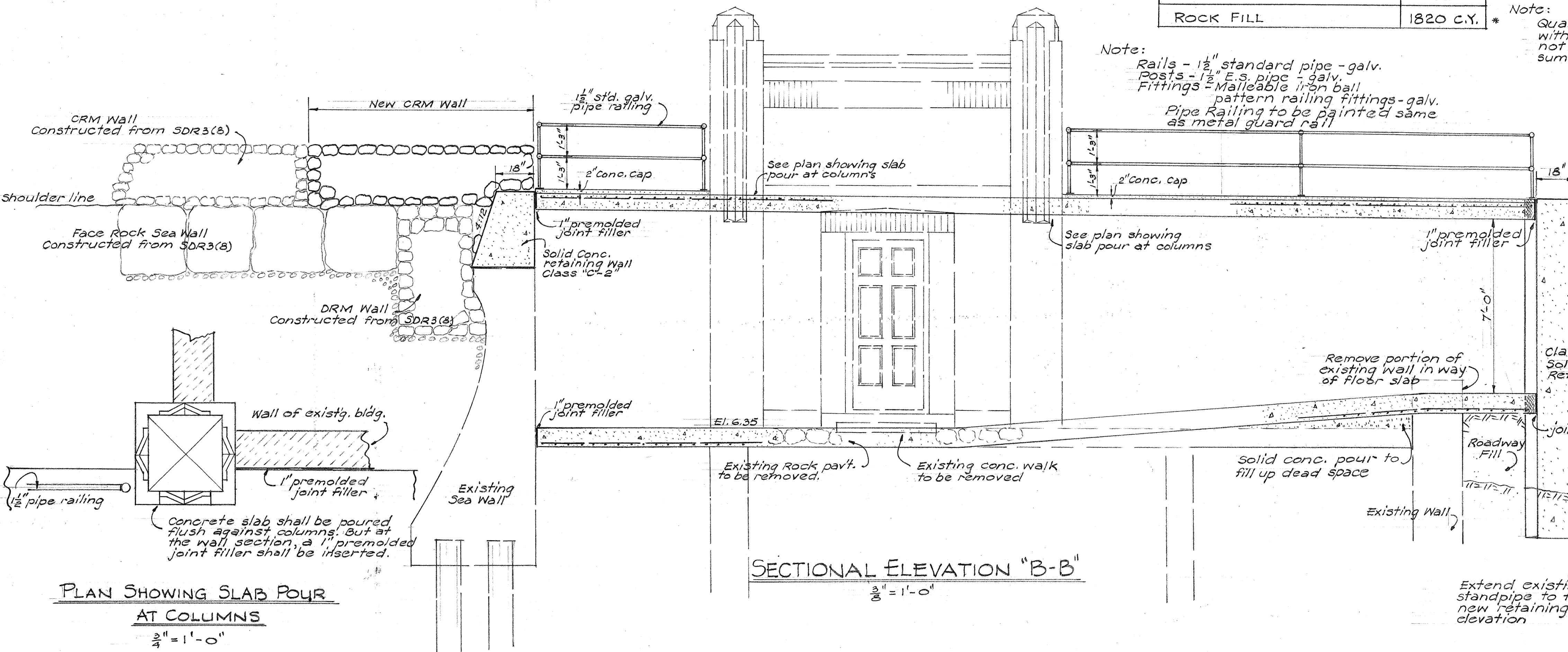


PLAN SHOWING NEW ARRANGEMENT
AT PUMP HOUSE ENTRANCE

Note: Premolded joint filler shall be rubber expansion type. See Pamphlet M-2 Section 1:28(a)

ESTIMATED QUANTITIES	
CLASS "A" CONC.	31.0 C.Y.
CLASS "C-2" CONC.	28.1 C.Y.
REINF. STEEL	3918 lb.
CRM	22.3 C.Y. *
1/2 DOUBLE RAIL PIPE RAILS	28 L.F.
5-TON FACE ROCK	83.0 TONS *
ROCK FILL	1820 C.Y. *

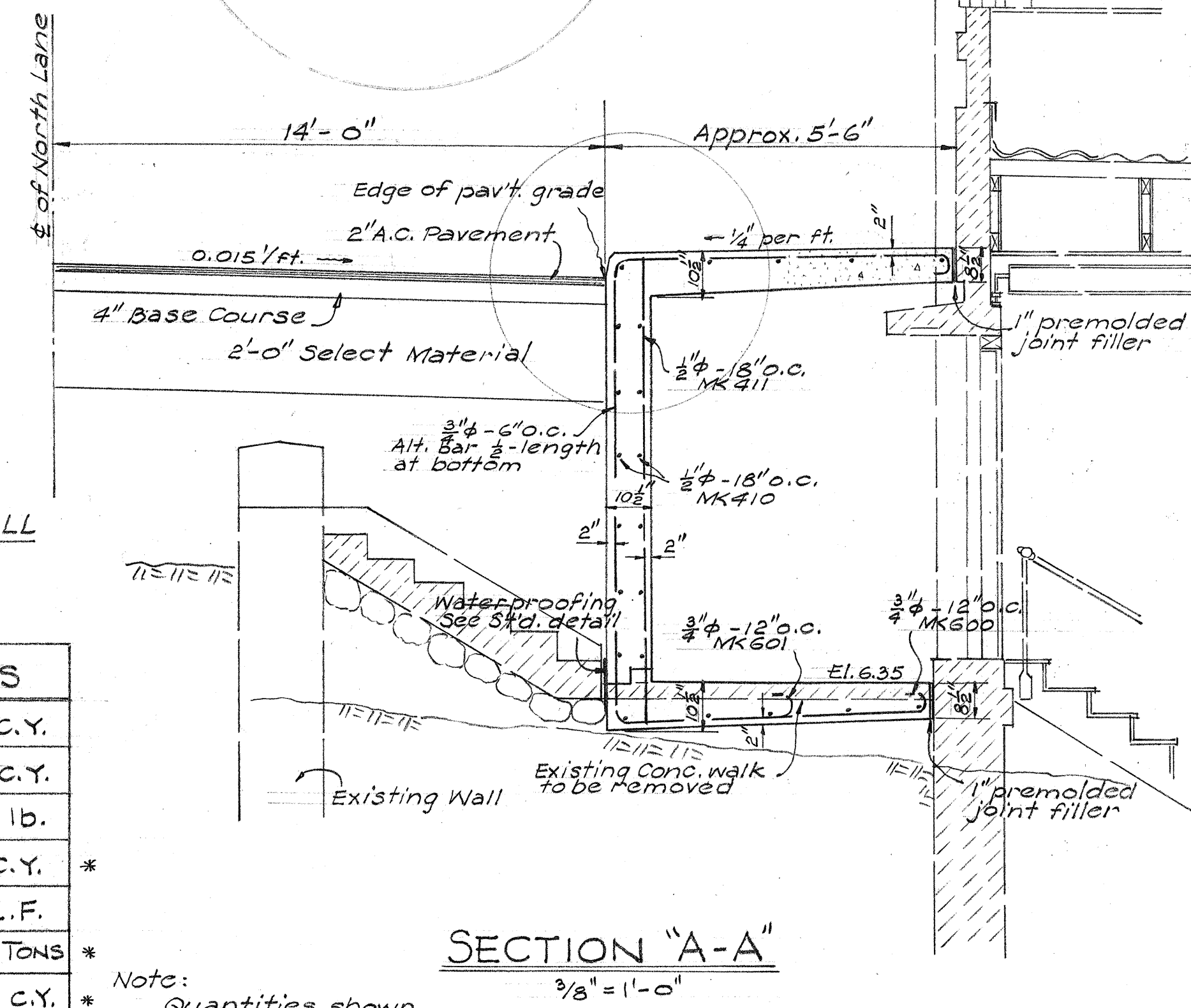
Note: Rails - 1/2" standard pipe - galv.
Posts - 1/2" E.S. pipe - galv.
Fittings - Malleable iron ball pattern railing fittings - galv.
Pipe Railing to be painted same as metal guard rail



SECTIONAL ELEVATION "B-B"

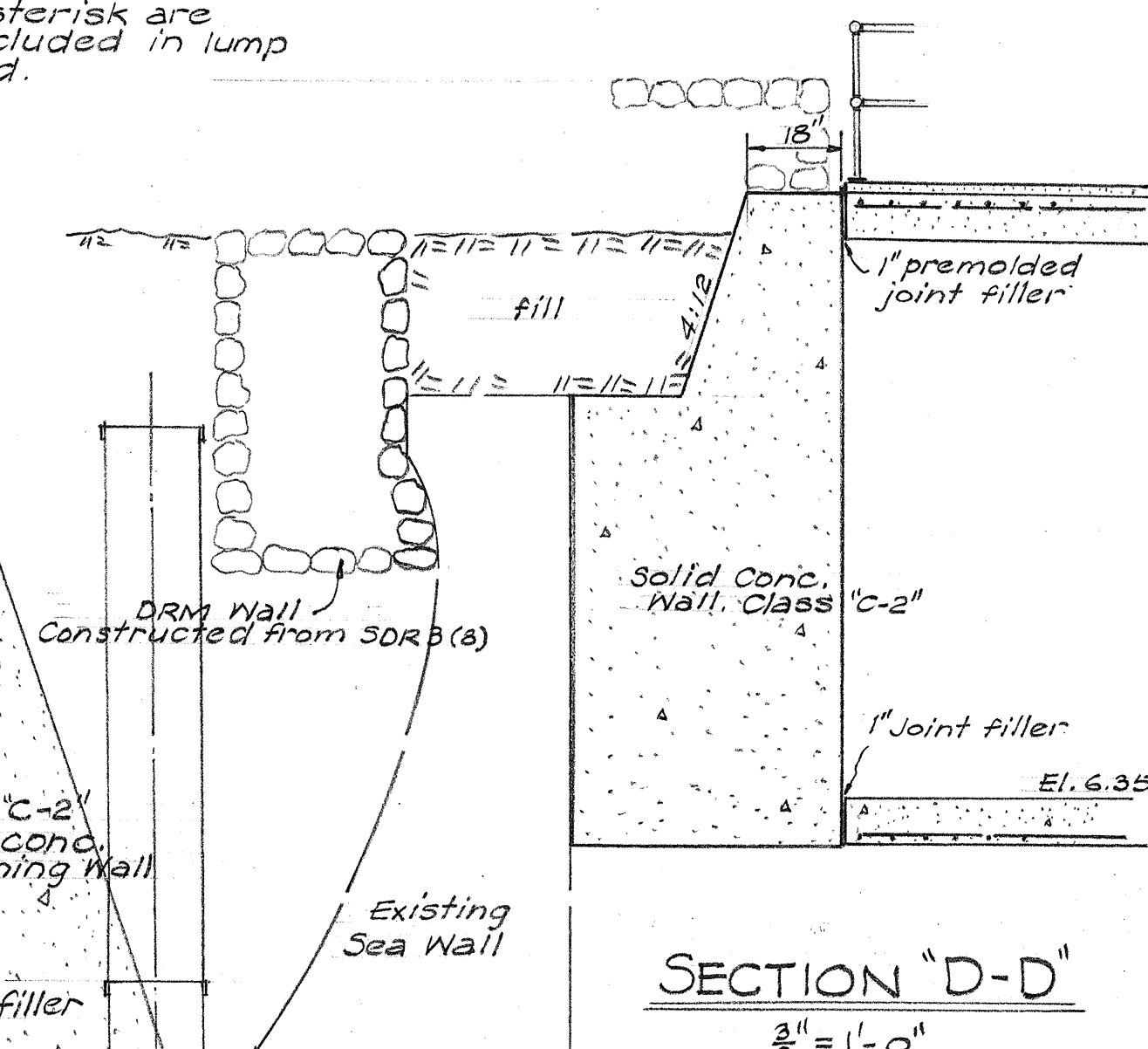
TYPICAL CRM WALL

SECTION OF FACE-ROCK SEAWALL



SECTION "A-A"

Note: Quantities shown with asterisk are not included in lump sum bid.



SECTION "D-D"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
DETAILS OF NEW ARRANGEMENT
AT SEWER PUMP HOUSE
HILO WATERFRONT HIGHWAY
SDR2(2)